

THE MOWING MACHINE VERMONT.

At the trial of Mowing Machines and Tedders, which took place at F. A. Crampton, Esq., in the month of May, 1894, the following were entered for the trial: They were all exposed to a public test. The agricultural editor of the *Record and Farmer* made some careful observations during the trial, and while in judgment of the committee, extracts from the descriptions are accurate and accomplish Mr. Hubbard.

THE MEADOW KING

The first machine examined was the *Meadow King*, built by the Co., Trumansburg, N. Y. which Mr. F. G. Butler of the *Record and Farmer* describes as an iron and steel foot cut machine, weighing 1,000 pounds, four feet cut, and 12 at factory. It has three stims in so placed that it is a perfectly protection from injury and clogging, and

tion. The scythe can be used without moving a nail, or resting the steel edge of ground and sharp, thus lessening friction and prolonging the scythe.

The draft is by a chain from the handle to the eye. The direct chord has a rubber button or a protects it from breakage.

The Meadow King appeared tough, light, and looked as if good work.

THE YOUNG EAGLE MOV made by Messrs. H. J. Herring Valley Falls, N. Y., has a weight 700 pounds, cuts four acres of field in one hour for one man, and one level, and is light, supporting the shoe and scythe, and is a pivot as to turn with the blade, and up the blade.

The gearing is well protected. We notice that the steel face of the back under the finger bar, a place where the wear is not readily renewed. The scythe

ing on a pivot to which the pressure, which prevents all binding, is taken horizontally, so easily removed as to be stopped by corks.

The machine is very simple and

THE KIRBY MOWER

built by Messrs. D. M. Osborn, N. Y., is an iron frame, weighing about 1,000 lbs., and costs \$80 at the factory. It is a peculiar oscillating frame, adapted itself to uneven surfaces. The main runners call a "swing" are attached to the frame that no weight of the latter can rest on the horses. The front end of the frame is raised by the end of the shaft raised by the double crank. The shaft is raised to a perpendicular position by the double crank. The machine oiled by the driver, leaving the seat.

THE WOOD MOWER

built by the Walter A. Wood Temper Manufacturing Co., and Messrs. Walter Scott, Hoosick Falls, N. Y., is an iron frame, weighs 600 lbs., and is 10 feet 3 inches cut, and is

The Wood Mower has been so used by the public and is so well known that a further description of it—except a few words—is unnecessary.

We understand that this movement is still manufactured, and, as time is adapted to meet the needs of the king of machines.

Every bearing of the Wood, rollers, has brass boxes; the pitman bearing at each end, and the frame is made of iron. The main shaft has three bearings. A draft rod is attached to the everer is intended to raise, and has that effect, we think.

This mower has not a sliding bearing cap which opens its pressure from the nozzle of the oil hose by a spring on removal of the rod. It is the best and most complete for protecting the bearings that we have seen.

THE CLIPPER MOWER,
built by the Clipper Mowing Machine Co., N. Y., weighs seven tons, and is the best for protecting the bearings that we have seen.

to customers at \$130. It has a frame, and malleable iron castings. The wheels have a diameter of thirty inches. The machine is independent of the pole being accomplished by a draft runner, which plays in a slot. It is cast steel and has a turn cast, which tends to increase the strength of the bar. It is also having a rolling motion, by which the guards can be raised or lowered, at the pleasure of the driver. A feature which we saw on no other machine. The guards are of cast steel, the frame is of wood, and is attached to the bar by a hook joint. The steel, and there are steel plates, and it has no other bearing. The workmanship of the Clips is really of the best. It would not cost more to build it than any other that we examined.

THE NEW CLIPPER,

built by the same house, has an

at \$100 pounds, and its cost at the price is \$100 at the factory. It has what is called the "year," and is very novel in construction. The machine can only be used in long tests in the field.

THE EUREKA MOWER.

Built by the Eureka Mowing Machine Co., New York, exhibits a new principle, which has been guided the manufacturers to use the cutting apparatus directly and between the wheels. The machine is travelling wide apart, and as the wheels are being cut, one of them is cutting the grass. It is intended to mow

There are two sizes—one with a five foot swath, wheels 24 inches high, and sold at \$125; the other with a six foot swath. The six foot is for two seyers and two pitman rollers each side, both driven by one shaft. It is claimed that this machine is the best standing, and in better condition than any other mower. Its design is the direct cut—avoiding all side draft and rapidity of work. The quantity cut by the six foot swath is

THE WARRIOR MACHINE
Built by the Warrior Mower Co.

This machine is different in respects from any other mower. The wheels are four inches farther apart than usual, giving more room for the "planetary gear," which is named by its name, and the merits we do not understand. Another feature is the position of the guard chains, which are only two and a half inches apart, giving a shorter stroke, and security from injury and dulling by small stones.

The cutter bar folds back, and is not on the end of the axle when in position. The machine is

THE SPRAGUE MOWER
built by the Sprague Mowing Machine
Providence, R. I., is all iron except
lever, weighs 600 pounds, cuts
foot swath, and is sold at \$90.

The gearing of this mower is
compact, and is all enclosed in a main
case, secure from grit and dust.

The centre of the axle, the wheel
equally divided between the wheels.

A draft rod from the hinge joint gives a direct and light draw to each end of the seat.

The Sweeney appears to be built thoroughly strong, and the different parts to each other and balanced so as to give freedom of motion with slight weight.

The same company build a one-eine, weighing 425 pounds, cut a one and one half foot swath, which is

THE VICTOR MOWER

The pole of this machine is "flashed" by Mr. E. M. Krum, Chatham, a wood frame machine, weighs 50 lbs. price \$100 at factory.

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